

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

101518650

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
31 December 2003 (31.12.2003)

PCT

(10) International Publication Number
WO 2004/001668 A1

(51) International Patent Classification⁷: **G06T 1/60**

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/PL2003/000057

(22) International Filing Date: 17 June 2003 (17.06.2003)

(25) Filing Language: English

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(26) Publication Language: English

(30) Priority Data:
P-354638 20 June 2002 (20.06.2002) PL

(71) Applicants (*for all designated States except US*): ADVANCED DIGITAL BROADCAST POLSKA SP. Z O.O [PL/PL]; ul. Trasa Północna 16, PL-65-119 Zielona Góra (PL). ADVANCED DIGITAL BROADCAST LTD. [—/—]; 15F, 205, Section 3, Pei-Hsin Road, Hsin-Tien City, Taipei County, 231 Taiwan (TW).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations of inventorship (Rule 4.17(iv)) for US only*

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): WRÓBEL, Paweł [PL/PL]; ul. B. Chrobrego 26/152, PL-40-881 Katowice (PL).

(74) Agent: HUDY, Ludwik; Czernichów 4, PL-32-070 Czernichów, Kraków (PL).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

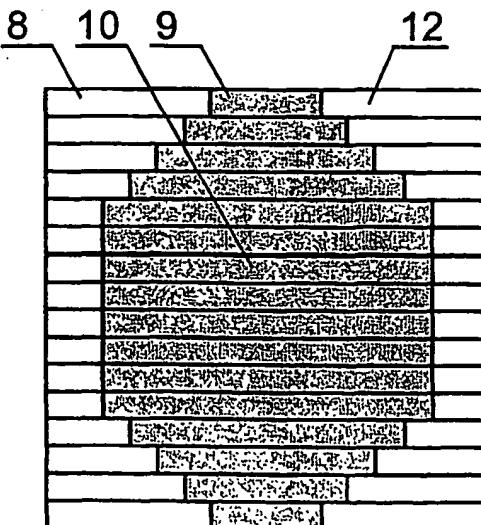
Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR MEMORY ALLOCATION FOR IMAGES

(57) Abstract: In a method for memory allocation for images, when storing data describing an image (10) in operating memory (1), the image (10) is divided into lines, and each line is described by a separate subset of data from which at least one set of data is created, to which a free segment of operating memory (1) is assigned. The creation of sets of data is performed until data describing the whole image (10) is assigned to the sets of data, and when reading the image (10), consecutive lines are read from the operating memory (1), until the whole image (10) is read.



WO 2004/001668 A1

BEST AVAILABLE COPY